

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 4, 2014

Michael Kellog  
Endura S.P.A.  
c/o Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> St NW  
Gig Harbor, WA 98332

Subject: Label Amendment – Revision of First Aid and Precautionary Statement to  
Facilitate Registration in the State of California  
Product Name: Piperonyl Butoxide Technical Grade  
EPA Registration Number: 47932-1  
Application Date: May 16, 2013  
Decision Number: 479583

Dear Mr. Kellogg:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Carlyn Petrella by phone at 703-347-0439, or via email at 'carlyn.petrella@epa.gov.'

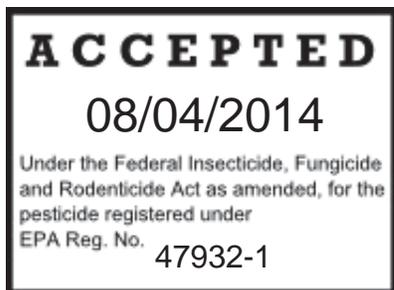
Sincerely,

A handwritten signature in black ink that reads "Richard J. Gebken".

Richard Gebken  
Product Manager 10  
Insecticide Branch  
Office of Pesticide Programs  
Date: August 4, 2014

# Piperonyl Butoxide Technical Grade

## Only for Formulating Use



### Active Ingredient:

Piperonyl butoxide\* ..... 100%  
\*(butyl carbityl)(6-propylpiperonyl) ether and related compounds

**Keep Out of Reach of Children**

**CAUTION**

**See side panel for First Aid and  
additional Precautionary Statements.**

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Only for formulation as a synergist for the following use(s):

1. Domestic Indoor (household), Domestic Outdoor (household/ornamental), Animal (including pets) and Livestock Treatments, Indoor Food Handling establishments (edible product areas), Indoor Non-food, Commercial/Industrial Uses, Greenhouse food and Non-food Crops, Mosquito abatement, Terrestrial Food and Non-Food Crops and Aquatic Non-feed.
2. Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration.

Not for formulation into wettable powder end-use products (EUPs), unless the EUP is packaged in water soluble bags.

Not for formulation into granular end-use products.

Formulated pet spray products eligible for reregistration must not contain more than 10% piperonyl butoxide.

[This product may be used to formulate products for any additional use(s) not listed on this label if the formulator, user group or grower has complied with U.S. EPA submission requirements regarding support of such uses.]

Technical information on the use of this product is available from Endura. Formulators using this product are responsible for obtaining EPA registration of their formulated products. Mix well in drum before sampling and use.

*{For non-refillable containers:}***Storage & Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage & Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, fuller's earth, etc. and dispose of with chemical waste.

**Pesticide Disposal:** Pesticide or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container Disposal and Management:** Non-refillable container; do not reuse or refill this container. Offer for recycling if available, or reconditioning if appropriate. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, for 30 seconds, ensuring at least one complete revolution. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure 2 more times.

**Batch No.:** \_\_\_\_\_

*{Per PR Notice 2007-4, a lot number will appear on either the container or label of all non-refillable containers.}*

*{For refillable containers:}***Storage & Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage & Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, fuller's earth, etc. and dispose of with chemical waste.

**Pesticide Disposal:** Pesticide or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

**Container Disposal and Management:** Refillable container. Refill this container with only Endura's Piperonyl Butoxide Technical Grade; do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure 2 more times. For final disposal, triple rinse (or equivalent) container promptly after emptying then offer for recycling if available, or reconditioning if appropriate.

EPA Reg. No. 47932-1

EPA Est. No. 47932-ITA-2

**Net Contents:**

441 pounds (200 kg)    463 pounds (210 kg)    475 pounds (215.5 kg)    Bulk

**Endura S.p.A.**

Viale Pietramellara, 5  
40121 Bologna (Italy)  
Tel. +39-051-5281711

## PRECAUTIONARY STATEMENTS

### Hazards to Humans

#### CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Thoroughly wash with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

#### First Aid

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.</p>	

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

#### Environmental Hazards

This product is toxic to aquatic organisms including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA. Do not contaminate water when disposing of equipment wash waters.

#### Physical & Chemical Hazards

Do not use or store near heat or open flame.

#### Warranty Statement

Our recommendations for the use of this product are based upon tests believed to be reliable. To the extent not prohibited by applicable law: a) The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice; and b) The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

[ ] Denotes alternate/optional language

{ } Denotes language that does not appear on the market labeling